

PTO/SB/08A

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

*Complete if Known*Application Number **To Be Assigned  
10/743163**Filing Date **Herewith**

Confirmation Number

First Named Inventor **M. Inan et al.**Group Art Unit **1636**Examiner Name **TBA J. Dunston**Sheet **1** of **4** Attorney Docket No. **15948Z**

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
JD	1	4,703,004	B1	Hopp et al.	10-27-1987
JD	2	4,782,137	B1	Hopp et al.	11-01-1988
JD	3	4,855,231	B1	Stroman et al.	08-08-1989
	4	5,032,516	B1	Cregg	07-16-1991
	5	5,166,329	B1	Cregg	11-24-1992
	6	5,500,483	B1	Kumagai et al.	03-19-1996
	7	5,594,115	B1	Sharma	01-14-1997
	8	5,641,661	B1	Kumagai et al.	06-24-1997
▼	9	5,935,824	B1	Sgarlato	08-10-1999
JD	10	6,033,898	B1	Sarthy et al.	03-07-2000

Examiner Signature	/Jennifer Dunston/ (12/04/2006)	Date Considered
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Sheet

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of

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First Named Inventor	M. Inan et al.
Group Art Unit	1636
Examiner Name	TBA J. Dunston

Attorney Docket No.	15948Z
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>8</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
JD	11	EP	0 226 752	A1	Phillips Petroleum Company	07-01-1987	
JD	12	EP	0 560 401	A1	Phillips Petroleum Company	09-15-1993	

**OTHER ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>8</sup>
JD	13	ALTSCHUL et al., "Basic Local Alignment Search Tool." Journal of Molecular Biology, 1990, pp. 403-410, Vol. 215, No. 3.	
	14	BIRREN et al., "Sequence Analysis, A Laboratory Manual." Genome Analysis, 1997, pp. 543-559, Vol. 1, Cold Spring Harbor Laboratory Press.	
	15	CARRILLO et al., "The Multiple Sequence Alignment Problem in Biology." Siam Journal on Applied Mathematics, 1988, pp. 1073-1082, Vol. 48, No. 5.	
	16	COULSON A., "High Performance Searching of Biosequence Database." Trends in Biotechnology, 1994, pp. 76-80, Vol. 12, No. 3(122).	
↓	17	CREGG et al., "Functional Characterization of Two Alcohol Oxidase Genes from the Yeast <i>Pichia pastoris</i> ." Molecular and Cellular Biology, 1989, pp. 1316-1323, Vol. 9, No. 3.	
JD	18	CREGG et al., "Recombinant Protein Expression in <i>Pichia pastoris</i> ." Molecular Biotechnology, 2000, pp. 23-52, Vol. 16, No. 1.	

Examiner Signature	Jennifer Dunston/ (12/04/2006)	Date Considered	
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Sheet	3	of	4	Attorney Docket No. <b>115948Z</b>

JD	19	CREGG et al., "Recent Advances in the Expression of Foreign Genes in <i>Pichia pastoris</i> ." Biotechnology, 1993, pp. 905-910, Vol. 11, No. 8.
	20	DEVEREUX et al., "A Comprehensive set of Sequence Analysis Programs for the VAX." Nucleic Acids Research, 1984, pp. 387-395, Vol. 12, No. 1
	21	GUARENTE et al., "Fusion of <i>Escherichia coli lacZ</i> to Cytochrome c gene of <i>Saccharomyces cerevisiae</i> ." Proceedings of the National Academy of Sciences of the USA, 1981, pp. 2199-2203, Vol. 78, No. 4.
	22	KOUTZ et al., "Structural Comparison of the <i>Pichia pastoris</i> Alcohol Oxidase Genes." Yeast, 1989, pp. 167-177, Vol. 5, No. 3.
	23	OHI et al., "The Positive and Negative <i>cis</i> -acting Elements for Methanol Regulation in the <i>Pichia pastoris</i> AOX2 gene." Mol. Gen. Genet., 1994, pp. 489-499, Vol. 243, NO. 5.
	24	MILLER J.H. (ed), "Experiment 48, Assay of $\beta$ -Galactosidase." Experiments in Molecular Genetic, Cold Spring Harbor Laboratory, 1972, pp. 352-355.
	25	SEARS et al., "A Versatile Set of Vectors for Constitutive and Regulated Gene Expression in <i>Pichia pastoris</i> ." Yeast, 1998, pp. 783-790, Vol. 14, No. 5.
↓	26	MEINKOTH et al., "Hybridization of Nucleic Acids Immobilized on Solid Supports." Analytical Biochemistry, 1984, pp. 267-284, Vol. 138, No. 1.
JD	27	TSCHOPP et al., "Expression of <i>lacZ</i> gene from two Methanol-regulated Promoters in <i>Pichia pastoris</i> ." Nucleic Acids Research, 1987, pp. 3859-3877, Vol. 15, No. 9.

Examiner Signature	/Jennifer Dunston/ (12/04/2006)	Date Considered
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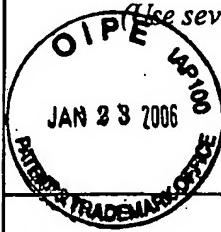
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE				Atty. Docket No. (Optional)		Application Number	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>				15948Z		10/743,163	
				Applicant(s) Mehmet Inan, et al. Filing Date December 22, 2003			
						Group Art Unit <b>1652 1636</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If appropriate)
JD	1.	5,641,661	6/24/97	Kumagai et al.	—	—	
					—	—	
<b>FOREIGN PATENT DOCUMENTS</b>							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JD	2. EPO 0510 693 A2	10/28/92	EPO	—	—	✓	
JD	3. WO 97/17450	5/15/97	PCT	—	—	✓	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<b>EXAMINER</b> /Jennifer Dunston/ (12/04/2006)				<b>DATE CONSIDERED</b>			
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			Applicant(s) Mehmet Inan, et al.				
			Filing Date December 22, 2003		Group Art Unit 1652 1636		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
JD	1.	4,808,537	2/28/1989				
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
JD	2.	Database Geneseq, Accession No. AAN60967, XP-002365842 (1991)					
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